

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032823\  
 Data File : PL081761.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2023 19:11  
 Operator : AR\AJ  
 Sample : PB151742BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB151742BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/29/2023  
 Supervised By : Ankita Jodhani 03/29/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 28 21:01:41 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.330 | 2.656 | 44096454 | 37071509 | 18.959  | 18.571  |
| 2) SA Decachlor...          | 8.754 | 7.776 | 66272708 | 81518866 | 37.031  | 41.104  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.779 | 3.155 | 14785722 | 11658056 | 4.313   | 3.999   |
| 3) MA gamma-BHC...          | 4.107 | 3.483 | 13934855 | 12197419 | 4.386   | 4.381   |
| 4) MA Heptachlor            | 4.687 | 3.815 | 15077641 | 12701341 | 4.783   | 4.430m  |
| 5) MB Aldrin                | 5.024 | 4.093 | 13369141 | 11902344 | 4.674   | 4.467   |
| 6) B beta-BHC               | 4.310 | 3.781 | 7312097  | 5789966  | 4.858   | 4.861m  |
| 7) B delta-BHC              | 4.551 | 4.009 | 15578901 | 10037660 | 5.126   | 3.881   |
| 8) B Heptachlo...           | 5.450 | 4.596 | 14652825 | 11967176 | 5.387   | 4.927   |
| 9) A Endosulfan I           | 5.832 | 4.963 | 11871027 | 11198539 | 4.804   | 5.072   |
| 10) B gamma-Chl...          | 5.705 | 4.845 | 12558555 | 12305799 | 4.784   | 5.063   |
| 11) B alpha-Chl...          | 5.783 | 4.908 | 12695989 | 12558749 | 4.905   | 5.170   |
| 12) B 4,4'-DDE              | 5.961 | 5.098 | 21257516 | 18344321 | 9.433   | 9.313   |
| 13) MA Dieldrin             | 6.106 | 5.228 | 23788399 | 22581985 | 9.826   | 10.039  |
| 14) MA Endrin               | 6.333 | 5.502 | 20679928 | 20321619 | 9.777   | 10.042  |
| 15) B Endosulfa...          | 6.554 | 5.798 | 24106510 | 21856595 | 11.360  | 12.049m |
| 16) A 4,4'-DDD              | 6.475 | 5.653 | 21278933 | 14286438 | 11.799m | 9.414   |
| 17) MA 4,4'-DDT             | 6.788 | 5.902 | 19627053 | 17330839 | 9.670   | 10.057  |
| 18) B Endrin al...          | 6.685 | 5.980 | 15955943 | 16070575 | 9.752   | 10.348  |
| 19) B Endosulfa...          | 6.919 | 6.202 | 20296476 | 20223479 | 9.739   | 10.394  |
| 20) A Methoxychlor          | 7.269 | 6.482 | 53270094 | 55237889 | 49.466  | 55.458  |
| 21) B Endrin ke...          | 7.399 | 6.708 | 20977988 | 22675340 | 10.015  | 10.611  |
| -----                       |       |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032823\  
Data File : PL081761.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2023 19:11  
Operator : AR\AJ  
Sample : PB151742BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

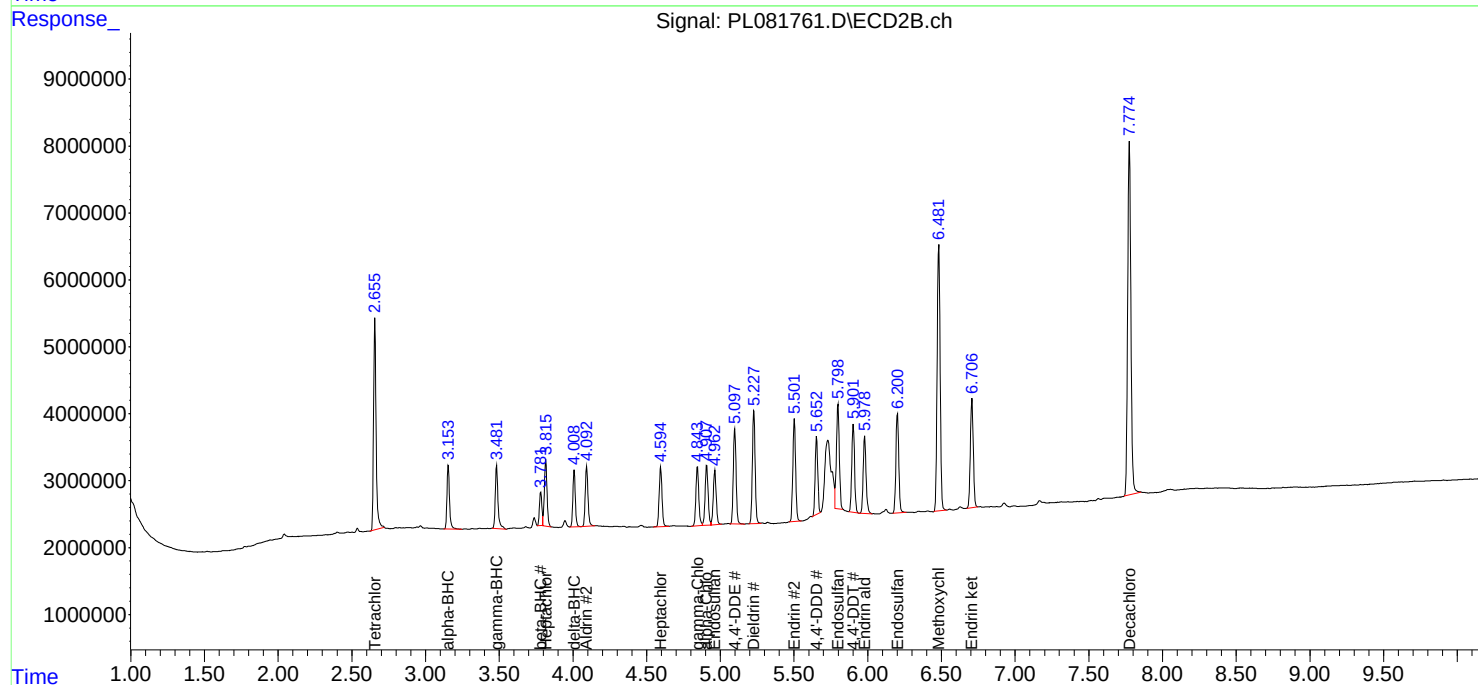
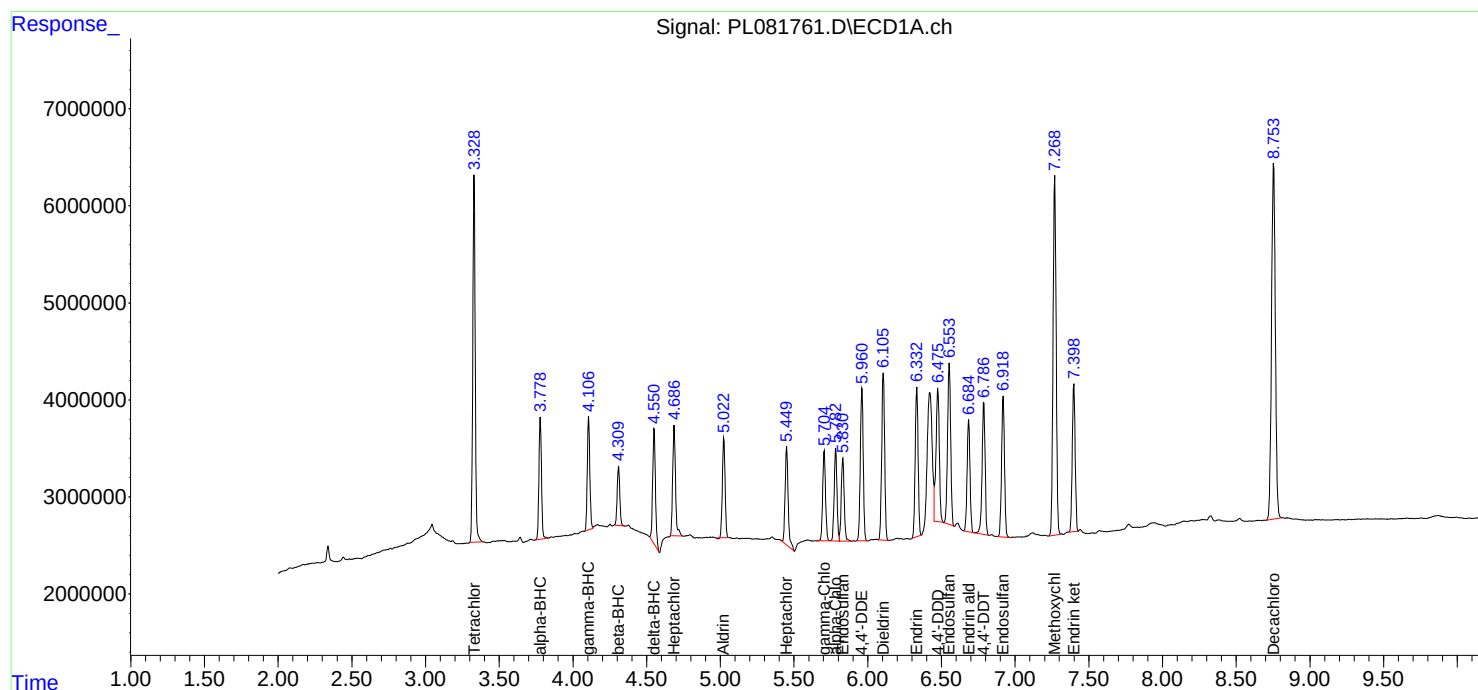
Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

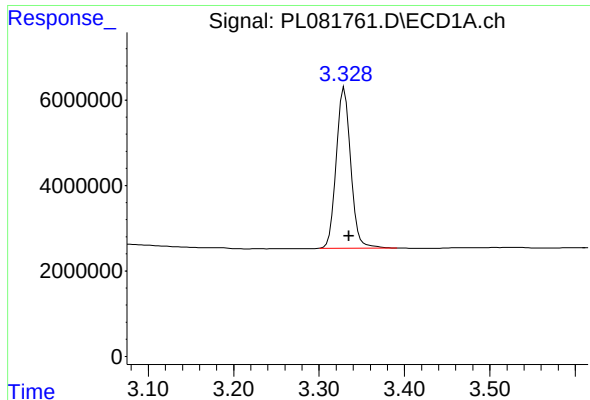
Manual Integrations  
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Reviewed By :Abdul Mirza 03/29/2023  
Supervised By :Ankita Jodhani 03/29/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 28 21:01:41 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





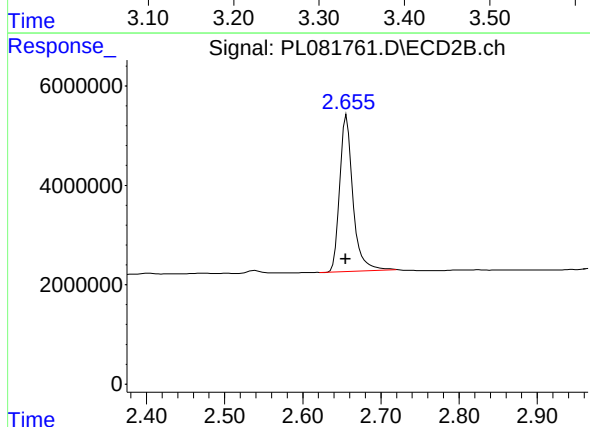
#1 Tetrachloro-m-xylene

R.T.: 3.330 min  
Delta R.T.: -0.005 min  
Response: 44096454  
Conc: 18.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

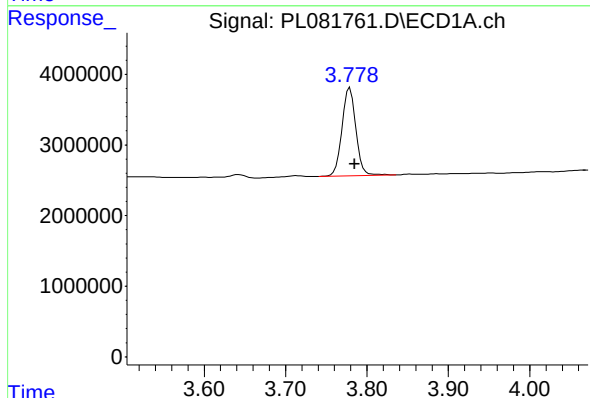
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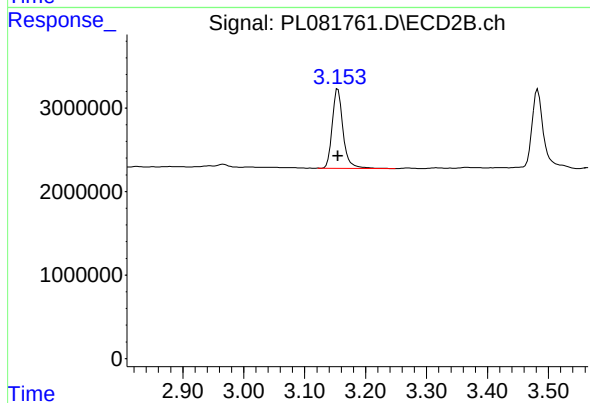
#1 Tetrachloro-m-xylene

R.T.: 2.656 min  
Delta R.T.: 0.001 min  
Response: 37071509  
Conc: 18.57 ng/ml



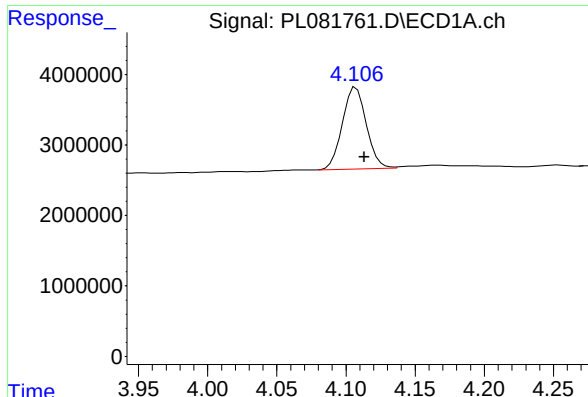
#2 alpha-BHC

R.T.: 3.779 min  
Delta R.T.: -0.006 min  
Response: 14785722  
Conc: 4.31 ng/ml



#2 alpha-BHC

R.T.: 3.155 min  
Delta R.T.: 0.000 min  
Response: 11658056  
Conc: 4.00 ng/ml



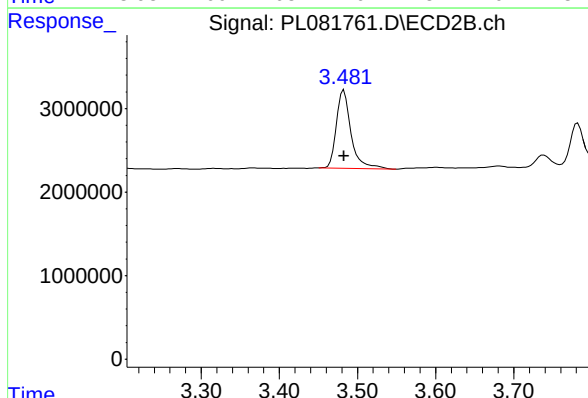
#3 gamma-BHC (Lindane)

R.T.: 4.107 min  
Delta R.T.: -0.006 min  
Response: 13934855  
Conc: 4.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

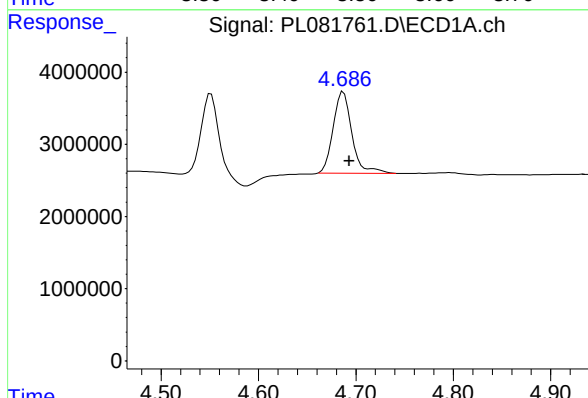
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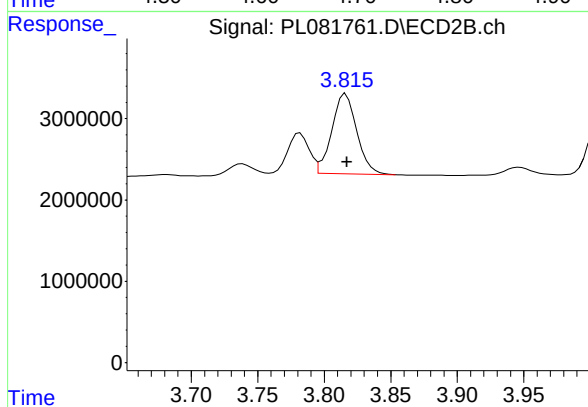
#3 gamma-BHC (Lindane)

R.T.: 3.483 min  
Delta R.T.: 0.000 min  
Response: 12197419  
Conc: 4.38 ng/ml



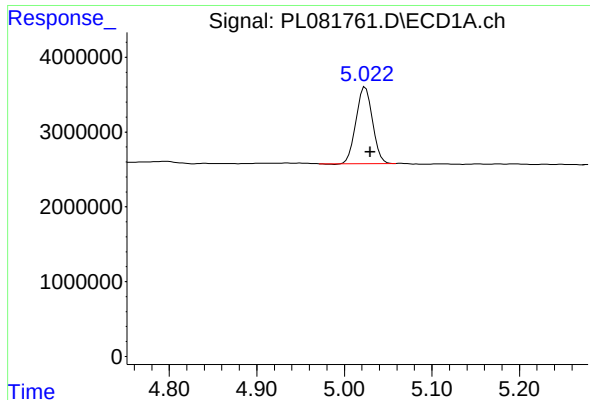
#4 Heptachlor

R.T.: 4.687 min  
Delta R.T.: -0.006 min  
Response: 15077641  
Conc: 4.78 ng/ml



#4 Heptachlor

R.T.: 3.815 min  
Delta R.T.: -0.002 min  
Response: 12701341  
Conc: 4.43 ng/ml m



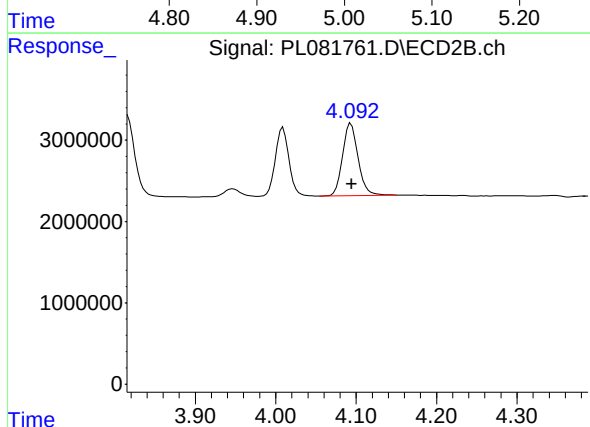
#5 Aldrin

R.T.: 5.024 min  
Delta R.T.: -0.006 min  
Response: 13369141  
Conc: 4.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

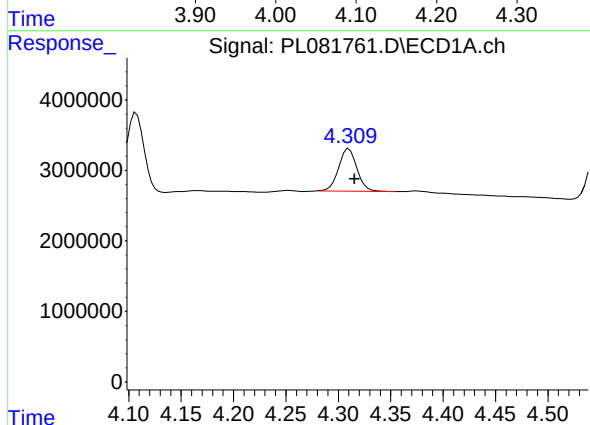
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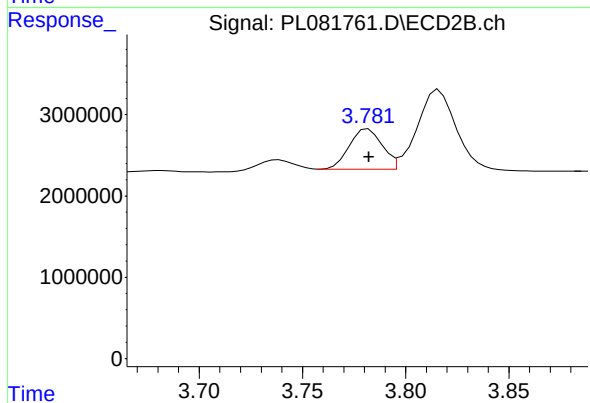
#5 Aldrin

R.T.: 4.093 min  
Delta R.T.: -0.001 min  
Response: 11902344  
Conc: 4.47 ng/ml



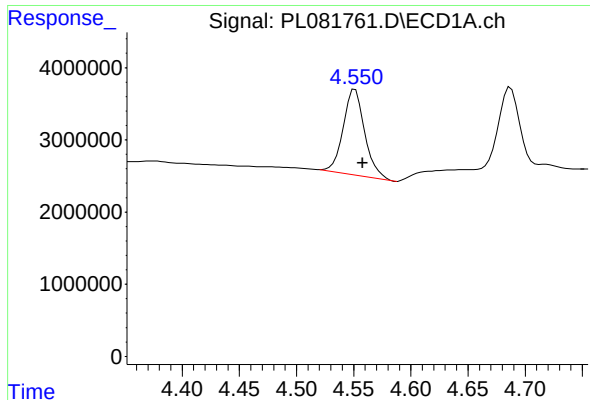
#6 beta-BHC

R.T.: 4.310 min  
Delta R.T.: -0.006 min  
Response: 7312097  
Conc: 4.86 ng/ml



#6 beta-BHC

R.T.: 3.781 min  
Delta R.T.: -0.002 min  
Response: 5789966  
Conc: 4.86 ng/ml m



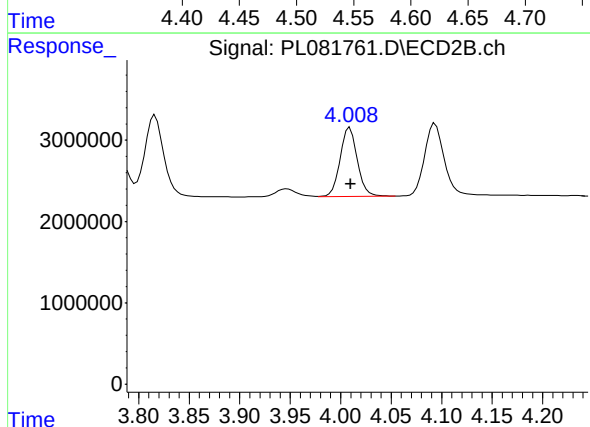
#7 delta-BHC

R.T.: 4.551 min  
Delta R.T.: -0.007 min  
Response: 15578901  
Conc: 5.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

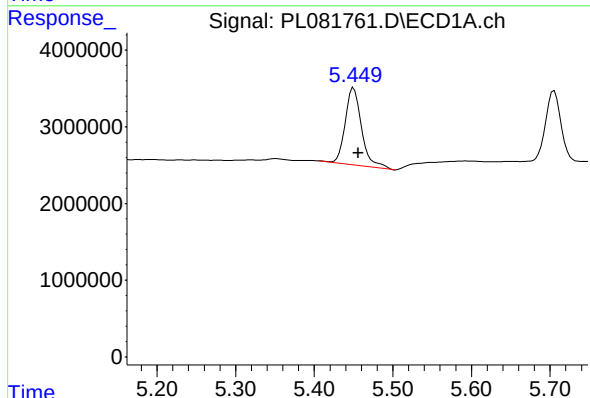
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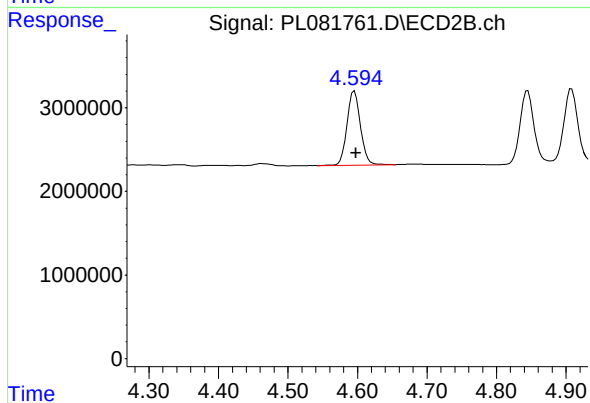
#7 delta-BHC

R.T.: 4.009 min  
Delta R.T.: 0.000 min  
Response: 10037660  
Conc: 3.88 ng/ml



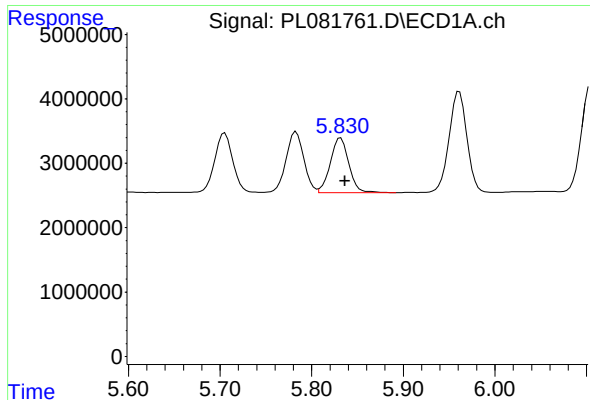
#8 Heptachlor epoxide

R.T.: 5.450 min  
Delta R.T.: -0.006 min  
Response: 14652825  
Conc: 5.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min  
Delta R.T.: -0.002 min  
Response: 11967176  
Conc: 4.93 ng/ml



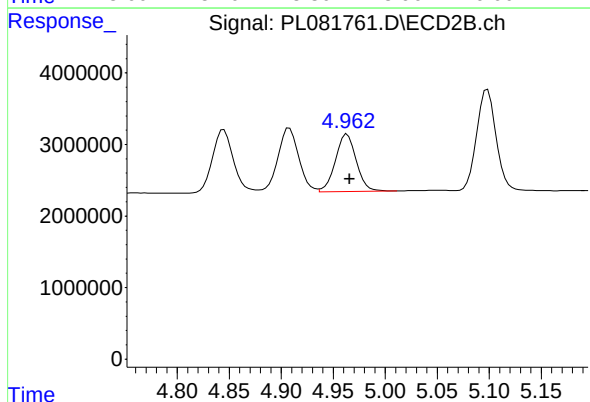
#9 Endosulfan I

R.T.: 5.832 min  
Delta R.T.: -0.005 min  
Response: 11871027  
Conc: 4.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

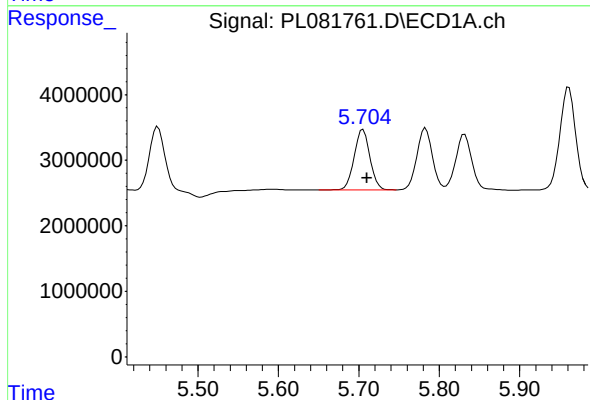
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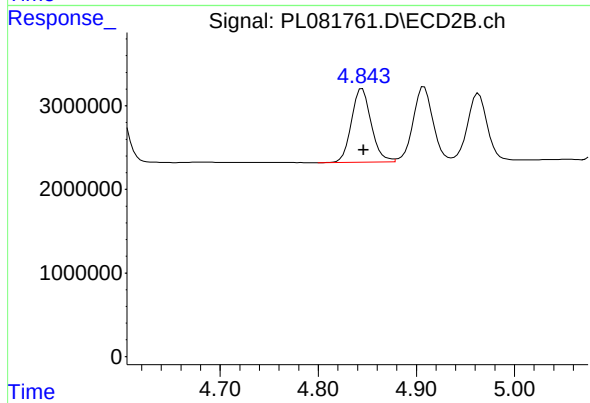
#9 Endosulfan I

R.T.: 4.963 min  
Delta R.T.: -0.002 min  
Response: 11198539  
Conc: 5.07 ng/ml



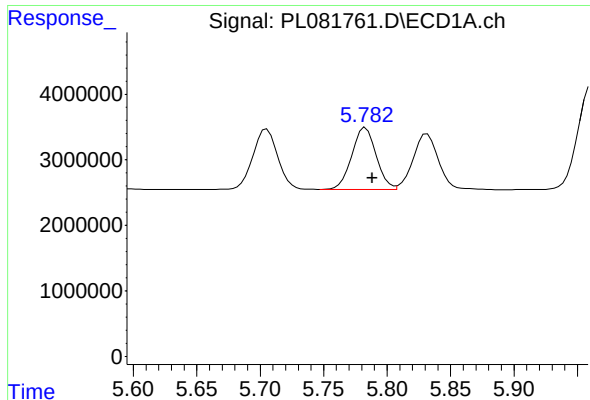
#10 gamma-Chlordane

R.T.: 5.705 min  
Delta R.T.: -0.005 min  
Response: 12558555  
Conc: 4.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.845 min  
Delta R.T.: -0.001 min  
Response: 12305799  
Conc: 5.06 ng/ml



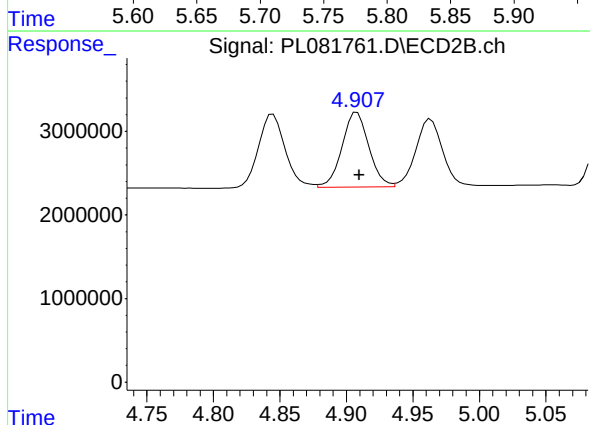
#11 alpha-Chlordane

R.T.: 5.783 min  
Delta R.T.: -0.005 min  
Response: 12695989  
Conc: 4.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

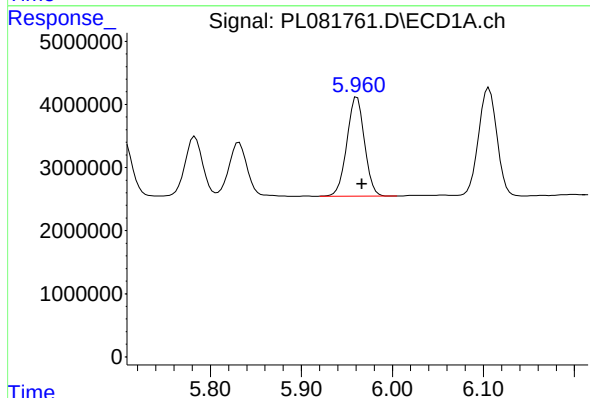
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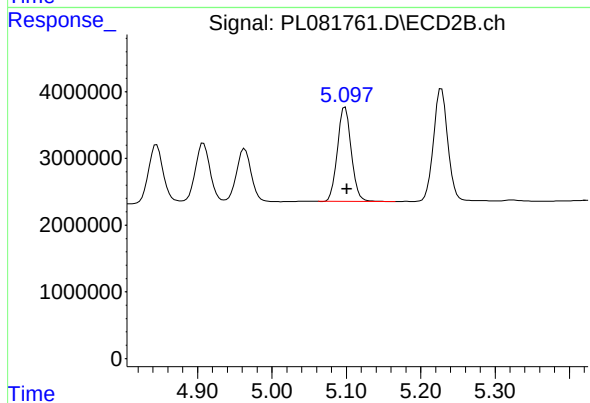
#11 alpha-Chlordane

R.T.: 4.908 min  
Delta R.T.: -0.002 min  
Response: 12558749  
Conc: 5.17 ng/ml



#12 4,4'-DDE

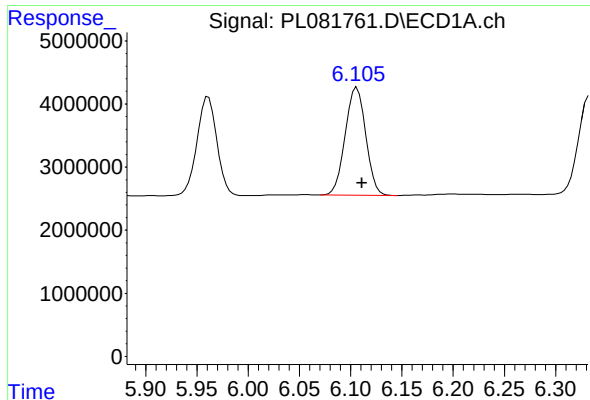
R.T.: 5.961 min  
Delta R.T.: -0.005 min  
Response: 21257516  
Conc: 9.43 ng/ml



#12 4,4'-DDE

R.T.: 5.098 min  
Delta R.T.: -0.002 min  
Response: 18344321  
Conc: 9.31 ng/ml





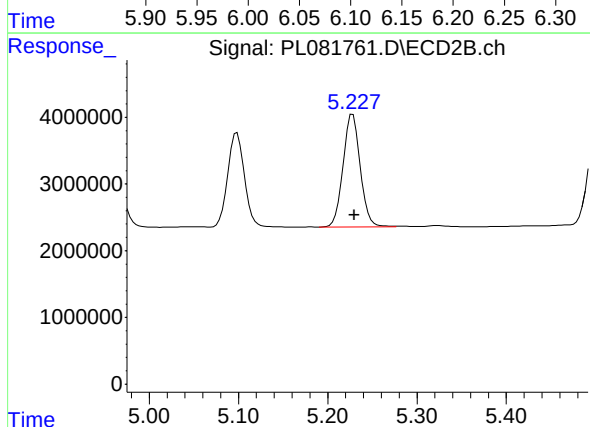
#13 Dieldrin

R.T.: 6.106 min  
Delta R.T.: -0.005 min  
Response: 23788399  
Conc: 9.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

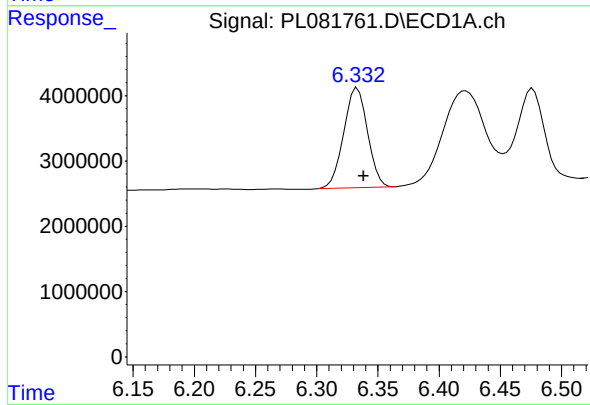
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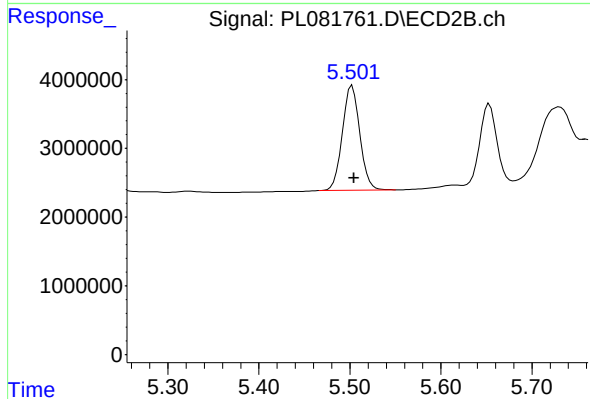
#13 Dieldrin

R.T.: 5.228 min  
Delta R.T.: -0.002 min  
Response: 22581985  
Conc: 10.04 ng/ml



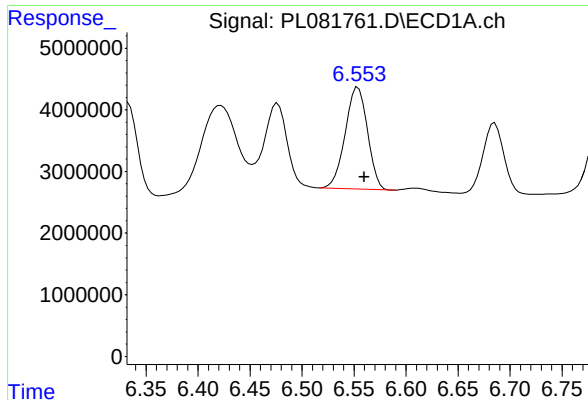
#14 Endrin

R.T.: 6.333 min  
Delta R.T.: -0.005 min  
Response: 20679928  
Conc: 9.78 ng/ml



#14 Endrin

R.T.: 5.502 min  
Delta R.T.: -0.002 min  
Response: 20321619  
Conc: 10.04 ng/ml



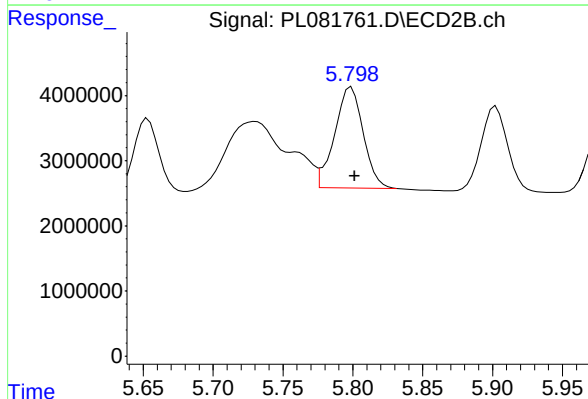
#15 Endosulfan II

R.T.: 6.554 min  
Delta R.T.: -0.006 min  
Response: 24106510  
Conc: 11.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

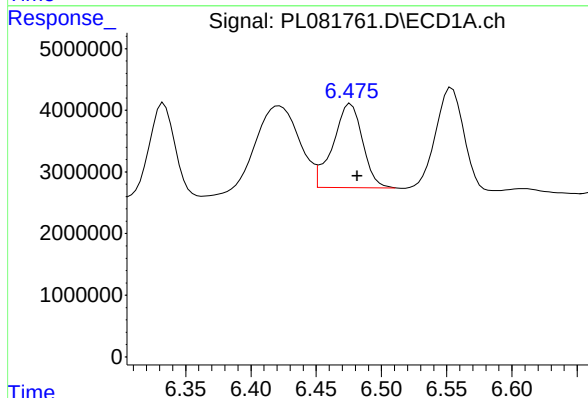
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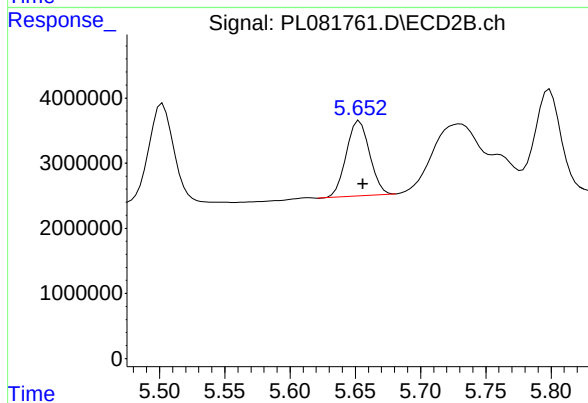
#15 Endosulfan II

R.T.: 5.798 min  
Delta R.T.: -0.004 min  
Response: 21856595  
Conc: 12.05 ng/ml



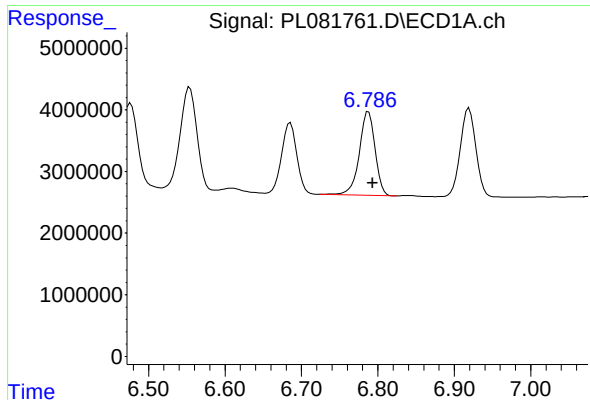
#16 4,4'-DDD

R.T.: 6.475 min  
Delta R.T.: -0.007 min  
Response: 21278933  
Conc: 11.80 ng/ml



#16 4,4'-DDD

R.T.: 5.653 min  
Delta R.T.: -0.003 min  
Response: 14286438  
Conc: 9.41 ng/ml



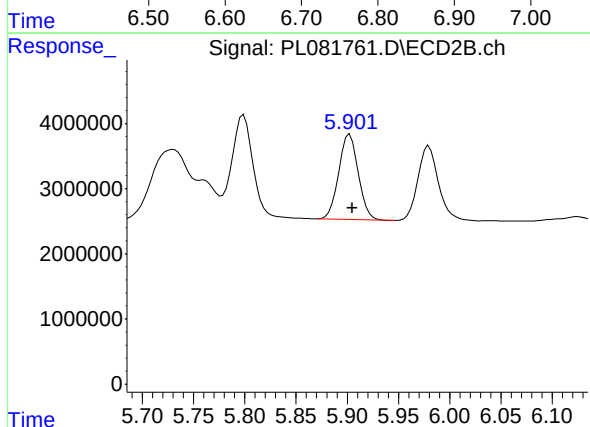
#17 4,4'-DDT

R.T.: 6.788 min  
Delta R.T.: -0.005 min  
Response: 19627053  
Conc: 9.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

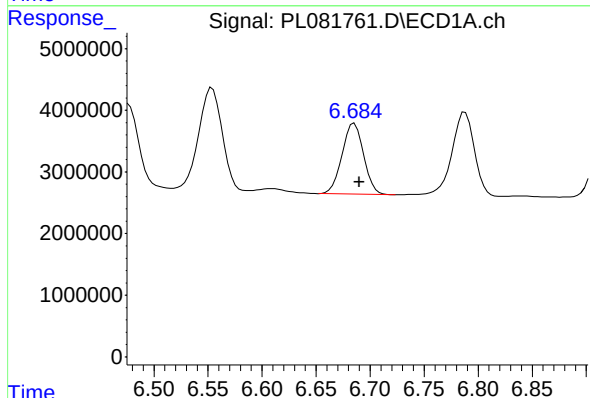
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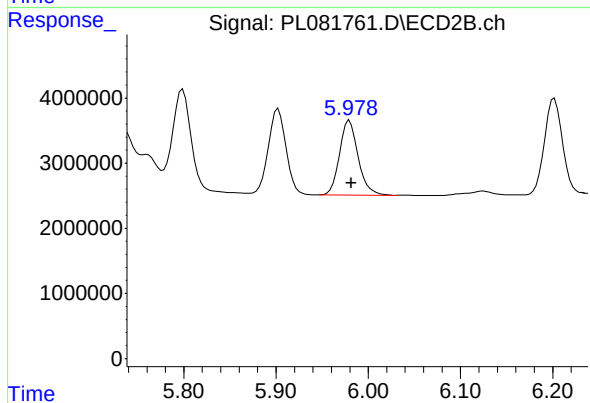
#17 4,4'-DDT

R.T.: 5.902 min  
Delta R.T.: -0.003 min  
Response: 17330839  
Conc: 10.06 ng/ml



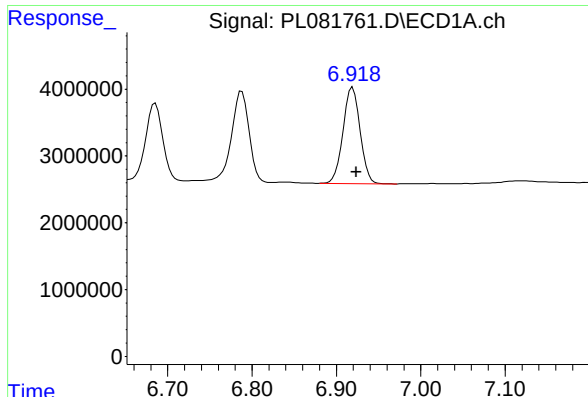
#18 Endrin aldehyde

R.T.: 6.685 min  
Delta R.T.: -0.005 min  
Response: 15955943  
Conc: 9.75 ng/ml



#18 Endrin aldehyde

R.T.: 5.980 min  
Delta R.T.: -0.002 min  
Response: 16070575  
Conc: 10.35 ng/ml



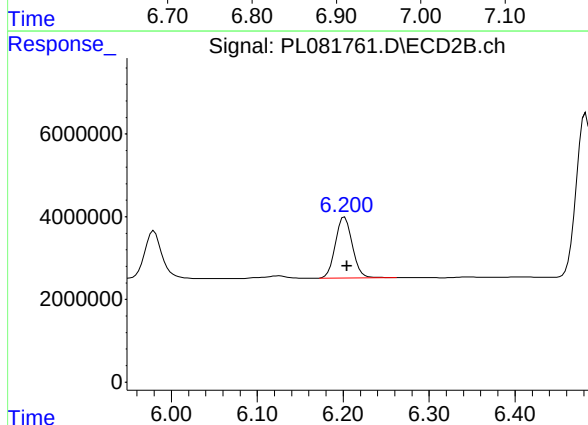
#19 Endosulfan Sulfate

R.T.: 6.919 min  
Delta R.T.: -0.004 min  
Response: 20296476  
Conc: 9.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

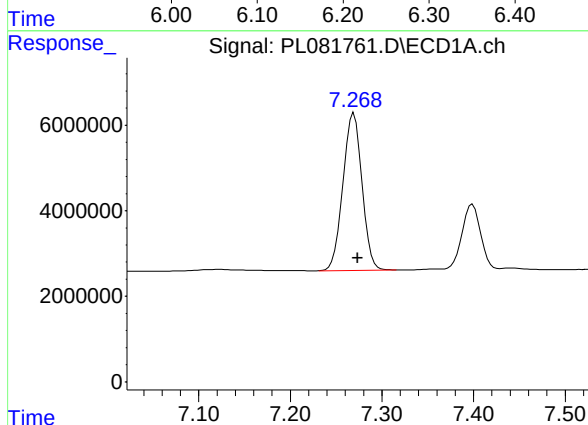
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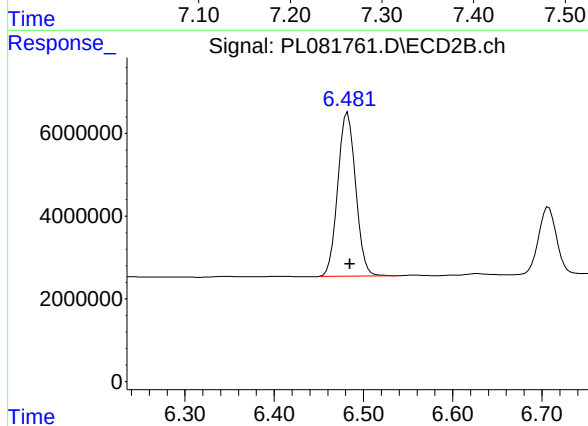
#19 Endosulfan Sulfate

R.T.: 6.202 min  
Delta R.T.: -0.003 min  
Response: 20223479  
Conc: 10.39 ng/ml



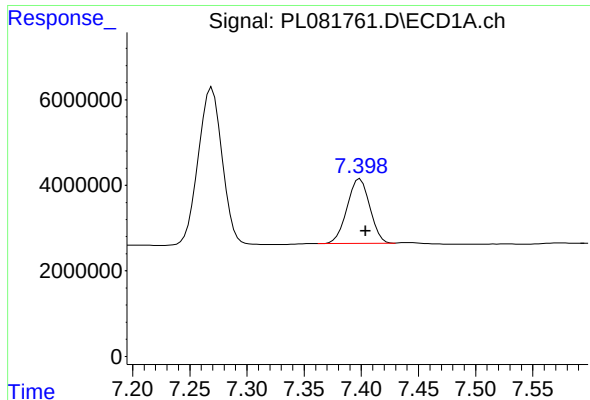
#20 Methoxychlor

R.T.: 7.269 min  
Delta R.T.: -0.004 min  
Response: 53270094  
Conc: 49.47 ng/ml



#20 Methoxychlor

R.T.: 6.482 min  
Delta R.T.: -0.003 min  
Response: 55237889  
Conc: 55.46 ng/ml



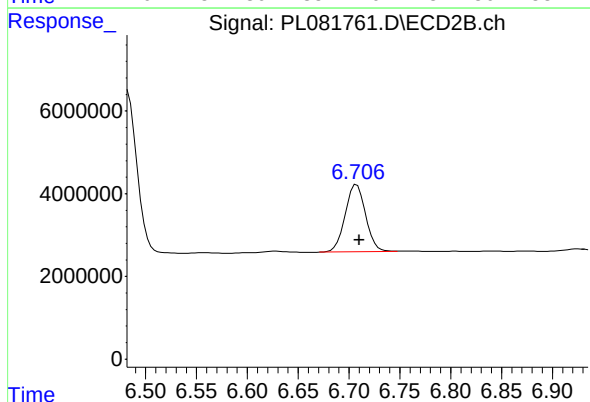
#21 Endrin ketone

R.T.: 7.399 min  
Delta R.T.: -0.005 min  
Response: 20977988  
Conc: 10.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151742BS

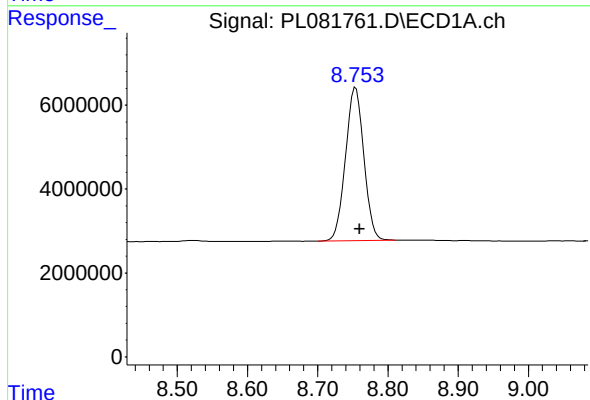
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/29/2023  
Supervised By :Ankita Jodhani 03/29/2023



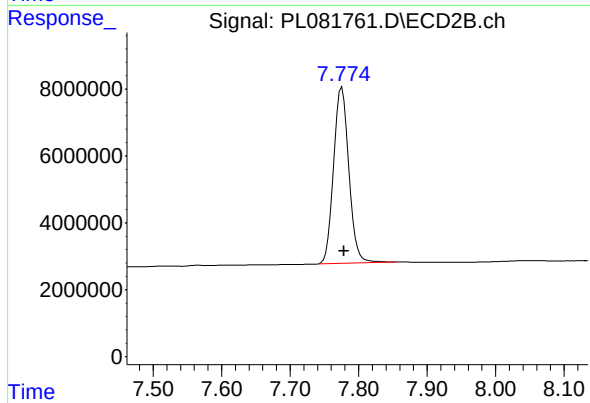
#21 Endrin ketone

R.T.: 6.708 min  
Delta R.T.: -0.003 min  
Response: 22675340  
Conc: 10.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.754 min  
Delta R.T.: -0.006 min  
Response: 66272708  
Conc: 37.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min  
Delta R.T.: -0.003 min  
Response: 81518866  
Conc: 41.10 ng/ml